

B<sup>1</sup> Cath  
moving the tip relative to the tubular body to achieve the desired configuration  
between the tip and the tubular body;  
halting the exposure of the select external stimulus to the tubular body whereby  
the tubular body returns to its original size; and  
implanting the catheter in the patient.

B<sup>2</sup>  
Claim 55 (Once Amended). A method of manufacturing and implanting a  
catheter of customized configuration comprising the steps of:  
a) forming a first tubular portion of a relatively impermeable material, the first tubular  
portion formed having a lumen with a diameter;  
b) forming second tubular portion of a porous material;  
c) partially disposing the second tubular portion within the lumen;  
d) adjusting the length of the second tubular portion to conform to the dimensions of a  
selected site in an hippocampus or lateral ventricle of an individual patient; [and]  
e) establishing a near zero tolerance fit between the overlap of the second tubular portion  
and the first tubular portion; and  
f) implanting the catheter for delivery of a therapeutic agent to the hippocampus or lateral  
ventricle.

B<sup>3</sup>  
65. (New) The method of claim 55 further comprising delivering a  
therapeutic agent with the catheter to treat Alzheimer's disease.

### REMARKS

#### 1. Drawings

The drawings were objected to under 37 C.F.R. 1.83(a) because they failed to show element 11 (lateral ventricle). A marked up copy of figures 2A and 2B showing lateral ventricle 11 is attached for the Examiner's consideration.

With respect to hippocampus 18, figures 1, 3, 4 and 8 show the surface of the brain with a cut-away view of hippocampus 18. The shape illustrates the cut-away portion, the far surface of which is the hippocampus. The shape does not correspond to the shape of the hippocampus.